
Subject: mysqlclient compilation error

Posted by [forlano](#) on Sat, 02 Oct 2021 12:07:03 GMT

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Hello,

on Mojave my package compile and run perfectly with a 6 months old U++ distro.

Today I have installed Catalina and setup it as done with Mojave but with the latest U++.
Now I have the following error

Linking...

Undefined symbols for architecture x86_64:

"_ZSTD_compressBound", referenced from:

zstd_compress_alloc(mysql_zstd_compress_context*, unsigned char const*, unsigned long*, unsigned long*) in libmysqlclient.a(my_compress.cc.o)

"_ZSTD_compressCCtx", referenced from:

zstd_compress_alloc(mysql_zstd_compress_context*, unsigned char const*, unsigned long*, unsigned long*) in libmysqlclient.a(my_compress.cc.o)

"_ZSTD_createCCtx", referenced from:

zstd_compress_alloc(mysql_zstd_compress_context*, unsigned char const*, unsigned long*, unsigned long*) in libmysqlclient.a(my_compress.cc.o)

"_ZSTD_createDCtx", referenced from:

my_uncompress(mysql_compress_context*, unsigned char*, unsigned long, unsigned long*) in libmysqlclient.a(my_compress.cc.o)

"_ZSTD_decompressDCtx", referenced from:

my_uncompress(mysql_compress_context*, unsigned char*, unsigned long, unsigned long*) in libmysqlclient.a(my_compress.cc.o)

"_ZSTD_freeCCtx", referenced from:

mysql_compress_context_deinit(mysql_compress_context*) in libmysqlclient.a(my_compress.cc.o)

"_ZSTD_freeDCtx", referenced from:

mysql_compress_context_deinit(mysql_compress_context*) in libmysqlclient.a(my_compress.cc.o)

"_ZSTD_isError", referenced from:

zstd_compress_alloc(mysql_zstd_compress_context*, unsigned char const*, unsigned long*, unsigned long*) in libmysqlclient.a(my_compress.cc.o)

my_uncompress(mysql_compress_context*, unsigned char*, unsigned long, unsigned long*) in libmysqlclient.a(my_compress.cc.o)

ld: symbol(s) not found for architecture x86_64

clang: error: linker command failed with exit code 1 (use -v to see invocation)

I have also noticed that the /opt folder is empty. What zstd is? Is it related to mysql in some way?

Any suggestion?

Thanks a lot,
Luigi

Subject: Re: mysqlclient compilation error
Posted by [forlano](#) on Sat, 02 Oct 2021 19:57:40 GMT
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After some more try I was able to compile and run my program.

In the past I was able to set and compile statically libcrypto.a, libssl.a and libmysqlclient.a.

Now it seems that the latest macOS U++ distro link statically libcrypto and libssl and leave mysqlclient dynamically linked.

If I use this default behavior then my program can be compiled. However I need to compile mysqlclient statically and now this cannot be done... at least I am facing some problem and appear the previous compiler error.

I'll continue the test...

Luigi

Subject: Re: mysqlclient compilation error
Posted by [forlano](#) on Sun, 03 Oct 2021 10:56:27 GMT
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I give up.

I tried all combinations [lib]mysqlclient[.a], library and static library option, setting different paths for libmysqlclient.a and moving it in a separate folder, but nothing worked.

Does anybody knows how to link statically libmysqlclient on Catalina with new U++ distro? (under Mojave and old U++ distro I was succcessfull).

Thanks,
Luigi
